



*(Use as many sheets as necessary)*

Sheet

1

of

2

**Complete if Known**

Application Number

10/529,964

Filing Date

**March 31, 2005**

First Named Inventor

Sato, et al.

### Art Unit

1616

Examiner Name

TBD

Attorney Docket Number

4296-182 US

[illegible][illegible]

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

***If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.***

<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/529,964	
			Filing Date	March 31, 2005	
			First Named Inventor	Sato, et al.	
			Art Unit	1616	
			Examiner Name	TBD	
Sheet	2	of	2	Attorney Docket Number	4296-182 US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		K. AOI, et al., Globular Carbohydrate Macromolecule "Sugar Balls" 3. "Radical-Growth Polymerization" of Sugar-Substituted $\alpha$ -Amino Acid N-Carboxyanhydrides (GlycoNCAs) with a Dendritic Initiator I, Tetrahedron, Vol. 53, No. 45, pp. 15415-15427, 1997, printed in Great Britain	
		K. AOI, et al., Globular Carbohydrate Macromolecule "Sugar Balls". 3. Synthesis of Novel Sugar-Per-substituted Poly(amido amine) Dendrimers, Macromolecules, 1995, 28, 5391-5393, American Chemical Society	
		Official Action from corresponding application number 03 748 672.7 - 1214, Applicant Nippon Shokubai Co., Ltd., 05/18/2007	
		Abstract, Database WPI, Section Ch, Week 200311, Derwent Publications Ltd., London, GB, Class A26, AN 2003-118225, XP002268694 & KR 2002 066 837 A (Postech Found) 08/21/2002	
		Abstract & Research Disclosure, Vol. 405, no. 074, 01/10/1998, Emsworth, GB, Database WPI, Section Ch, Week 199812, Derwent Publications Ltd., London, GB, Class A25, AN 1998-128914, XP002268343, Anonymous: "Use of dendrimers in polyurethane chemistry e.g. polypropylene:imine dendrimers - can be used as catalysts in art and trade literature related to isocyanate chemistry such as amine, and as rigid foam formulations for thermal insulation"	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.